

# Biotinylated Monoclonal IFN-gamma Antibody, Human IgG1 (8C5F8)

Catalog # IFN-BLM412



BIOSYSTEMS  
**Acro**

## Source

Biotinylated Monoclonal IFN-gamma Antibody, Human IgG1 (8C5F8) is a chimeric monoclonal antibody recombinantly expressed in HEK293, which combines the variable region of a mouse monoclonal antibody with human constant domain.

## Antibody Type

Recombinant Monoclonal

## Clone

8C5F8

## Isotype

Human IgG1, Kappa

## Host Species

Mouse

## Immunogen

Recombinant Human IFN- $\gamma$  Protein is expressed from human 293T cells

## Conjugate

Biotin

## Specificity

This product is a specific antibody specifically reacts with IFN-gamma.

## Purification

Protein A purified / Protein G purified.

## Concentration

Please refer to the Certificate of Analysis (CoA).

## Form

Liquid

## Formulation

Supplied a 0.22  $\mu$ m-filtered solution in PBS (pH 7.4), with trehalose as protectant.

Please contact us for customized product forms or formulations.

## Storage

**Please avoid repeated freeze-thaw cycles.**

This product is stable after storage at:

- The product **MUST** be stored at -70°C or lower upon receipt;
- -70°C for 12 months under sterile conditions.

## Notices

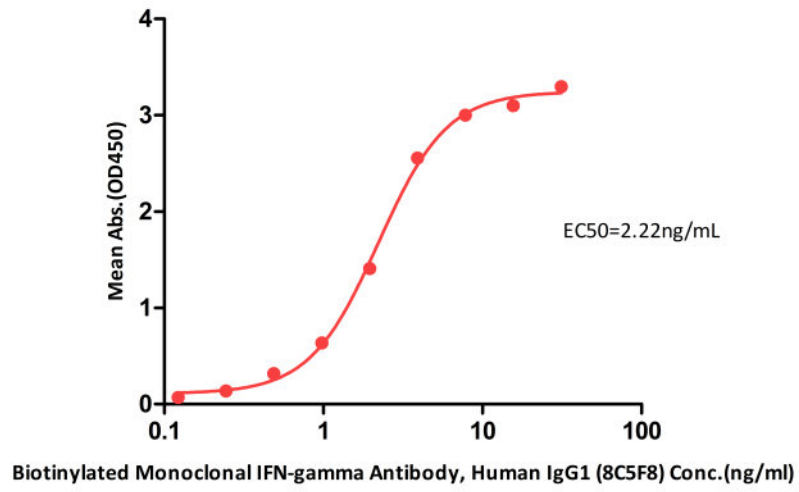
Product Specific Notices: For research use only.

## ACRO Quality Management System

- [QMS\(ISO, GMP\)](#)
- [Quality Advantages](#)
- [Quality Control Process](#)

## Bioactivity-ELISA

**Biotinylated Monoclonal IFN-gamma Antibody, Human IgG1 (8C5F8) ELISA**  
0.2 µg of Human IFN-gamma / IFNG Protein, premium grade per well



Immobilized Human IFN-gamma / IFNG Protein, premium grade (Cat. No. IFG-H4211) can bind Biotinylated Monoclonal IFN-gamma Antibody, Human IgG1 (8C5F8) (Cat. No. IFN-BLM412) with a linear range of 0.24-3.91ng/mL (QC tested).

## Background

IFN $\gamma$  is secreted by innate-like lymphocytes, including group 1 innate lymphoid cells (ILC1s), and by adaptive lymphocytes, including T helper 1 (TH1) cells and cytotoxic T lymphocytes (CTLs), in response to cytokine and antigen stimulation. It plays important roles in tissue homeostasis, immune and inflammatory responses and tumour immunosurveillance. Anti-IFN $\gamma$  antibody, is a monoclonal antibody used to detected IFN $\gamma$ , which is a recombinant IgG1 kappa, humanized monoclonal antibody that selectively binds with Human IFN-gamma protein.

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